

Application No. 10/595,342
Amendment Dated September 7, 2010
Reply to Office Action of June 8, 2010

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-56 (Cancelled)

Claim 57 (New) A modular reel device assembly configured to support a coilable body, the modular reel device comprising:

a pair of opposing end flanges, each opposing end flange comprising a flange sector and a flange segment that is separably connected to the flange sector;

a first plurality of cylindrical segments that are separably connected together in series to form an inner cylindrical center portion; and

a second plurality of cylindrical segments that are separably connected together in series to form an outer cylindrical center portion having a larger diameter than the inner cylindrical center portion;

wherein the pair of opposing end flanges are separably connectable to the first plurality of cylindrical segments and the second plurality of cylindrical segments;

wherein the first plurality of cylindrical segments are connected in series by screw-bolt-joints; and

wherein the second plurality of cylindrical segments are connected in series by screw-bolt-joints.

Claim 58 (New) An assembly according to claim 57, wherein the flange sector and the flange segment are connected together by a splice connection.

Claim 59 (New) An assembly according to claim 57, wherein the flange sector defines part of a central portion of a respective end flange that defines an aperture in the end flange.

Application No. 10/595,342
Amendment Dated September 7, 2010
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Claim 60 (New) An assembly according to claim 57, wherein each opposing end flange has an inner face that is configured to mate with and separably connect to and support an end of the inner cylindrical center portion and an end of the outer cylindrical center portion;

Claim 61 (New) An assembly according to claim 60, wherein the inner face of each opposing end flange has a first plurality of notches spaced apart along an inner pitch circle about a central axis of the respective end flange and a second plurality of notches spaced apart along an outer pitch circle about the central axis of the respective end flange.

Claim 62 (New) An assembly according to claim 61, wherein the outer pitch circle has a radius greater than the inner pitch circle.

Claim 63 (New) An assembly according to claim 62, wherein each end of the inner cylindrical center portion comprises fastening hooks configured to mate with notches in the inner pitch circle and wherein each end of the outer cylindrical center portion comprises fastening hooks configured to mate with notches in the outer pitch circle such that each of the outer cylindrical portion and the inner cylindrical portion are directly connectable to the pair of opposing end flanges.

Claim 64 (New) An assembly according to claim 63, wherein both the flange sector and the flange segment are connectable to the inner cylindrical center portion when each end of the inner cylindrical center portion is connected to the opposing end flanges and wherein both the flange sector and the flange segment are connectable to the outer cylindrical center portion when each end of the outer cylindrical center portion is connected to the opposing end flanges.

Claim 65 (New) An assembly according to claim 64, wherein the flange segment defines a rolling surface and defines notches in the second plurality of notches.

Claim 66 (New) An assembly according to claim 65, wherein each cylinder segment in the first plurality of cylinder segments has a substantially similar shape and a substantially similar size.

Application No. 10/595,342

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Claim 67 (New) An assembly according to claim 66, wherein each cylinder segment in the second plurality of cylinder segments has a substantially similar shape and substantially similar size.